

## List of Publications as member of CDF:

The article where I was one of the principle authors are underlined. The article where I served as a god parent are marked with \*\*\*.

“Soft and hard interactions in  $\bar{p}p$  collisions at  $\sqrt{s} = 1800$  GeV and 630 GeV”, D. Acosta *et al.*, The CDF Collaboration, FERMILAB-PUB-01-345-E.

“Measurement of the  $B^+$  total cross section and  $B^+$  differential cross section  $d\sigma/dp(T)$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, D. Acosta *et al.*, The CDF Collaboration, arXiv:hep-ph/0111359.

“Search for single-top-quark production in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, D. Acosta *et al.*, The CDF Collaboration, arXiv:hep-ex/0110067.

\*\*\*“Search for the decay  $B_s \rightarrow \mu^+ \mu^- - \Phi$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, D. Acosta *et al.*, The CDF Collaboration, FERMILAB-PUB-01-293-E.

“Search for new physics in photon lepton events in proton antiproton collisions at  $\sqrt{s} = 1.8$  TeV”, D. Acosta *et al.*, The CDF Collaboration, arXiv:hep-ex/0110015.

“Diffractive dijet production at  $\sqrt{s} = 630$ GeV and 1800 GeV at the Fermilab Tevatron”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0109025.

“Study of the heavy flavor content of jets produced in association with  $W$  bosons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, D. Acosta *et al.*, The CDF Collaboration, arXiv:hep-ex/0109012.

“Measurement of the strong coupling constant from inclusive jet production at the Tevatron  $\bar{p}p$  collider”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0108034. “A Study of  $B^0 \rightarrow J/\psi K^{*0} \pi^+ \pi^-$  decays with the Collider Detector at Fermilab”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0108022. T. Affolder *et al.*, The CDF Collaboration, “Search for new heavy particles in the  $W Z^0$  final state in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0108004.

“Observation of diffractive  $J/\psi$  production at the Fermilab Tevatron”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 241802 (2001).

“Double diffraction dissociation at the Fermilab Tevatron collider”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 141802 (2001).

“Charged particle multiplicity in jets in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 211804 (2001).

“Search for quark lepton compositeness and a heavy  $W'$  boson using the  $e\nu$  channel in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 231803 (2001).

“Searches for new physics in events with a photon and b-quark jet at CDF”, T. Affolder *et al.*, The CDF Collaboration, FERMILAB-PUB-01-097-E.

“Measurement of  $d(\sigma)/dM$  forward-backward charge asymmetry for high mass Drell-Yan  $e^+e^-$  pairs from  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 131802 (2001).

“Searches for new physics in events with a photon and b-quark jet at CDF”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0106012.

“Cross section and heavy quark composition of gamma + mu events produced in  $\bar{p}p$  collisions”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **65**, 012003 (2002).

“Search for gluinos and scalar quarks in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV using the missing energy plus multijets signature”, T. Affolder *et al.*, The CDF Collaboration, arXiv:hep-ex/0106001.

“Production Of  $\chi_{C1}$  and  $\chi_{C2}$  In  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **86**, 3963 (2001).

“Double diffraction dissociation at the Fermilab Tevatron collider”, T . Affolder *et al.*, The CDF Collaboration, FERMILAB-PUB-01-063-E.

“Search for narrow diphoton resonances and for gamma gamma + W / Z signatures in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 092002 (2001).

“Measurement of the inclusive jet cross section in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 032001 (2001).

“Measurement of the t  $\bar{t}$  production cross section in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Af-folder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 032002 (2001).

“Intermediate Silicon Layers Detector For The Cdf Experiment”, T. Affolder *et al.*, The CDF Collaboration, Nucl. Instrum. Meth. A **453**, 84 (2000).

“First measurement of the ratio  $B(t \rightarrow W b)/B(t \rightarrow W q)$  and associated limit on the CKM element  $|V(tb)|$ ”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **86**, 3233 (2001).

“Measurement of the two-jet differential cross section in proton antiproton collisions at  $\sqrt{s} = 1800$  GeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 012001 (2001).

“Measurement of the top quark p(T) distribution”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 102001 (2001).

“Search for the supersymmetric partner of the top quark in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **63**, 091101 (2001).

“Search for neutral supersymmetric Higgs bosons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Af-folder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **86**, 4472 (2001).

“Test of enhanced leading order QCD in W boson plus jets events from 1.8 TeV  $\bar{p}p$  collisions”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **63**, 072003 (2001).

“Measurement of the W boson mass with the Collider Detector at Fermilab”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 052001 (2001).

“Measurement of the decay amplitudes of  $B^0 \rightarrow J/\psi K^{*0}$  and  $B_s^0 \rightarrow J/\psi \Phi$  decays”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 4668 (2000).

“Measurement of the top quark mass with the Collider Detector at Fermilab”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **63**, 032003 (2001).

“Measurement of  $d(\sigma)/dy$  for high mass Drell-Yan  $e^+e^-$  pairs from  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **63**, 011101 (2001).

“Dijet production by double pomeron exchange at the Fermilab Tevatron”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 4215 (2000).

“The Cdf Intermediate Silicon Layers Detector”, A. Affolder *et al.*, The CDF Collaboration, Nuovo Cim. **112A**, 1351 (1999).

“Measurement of  $J/\psi$  and  $\psi_{(2S)}$  polarization in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2886 (2000).

“Search For Color Singlet Technicolor Particles In  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$ -Tev”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 1110 (2000).

“Direct measurement of the  $W$  boson width in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 3347 (2000).

“Search for second and third generation leptoquarks including production via technicolor interactions in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2056 (2000).

“Limits on gravitino production and new processes with large missing transverse energy in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 1378 (2000).

“Diffractive dijets with a leading antiproton in  $\bar{p}p$  collisions at  $\sqrt{s} = 1800$  GeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5043 (2000).

“Search for new particles decaying to  $t\bar{t}$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2062 (2000).

“The Intermediate Silicon Layers Detector at CdfII: Design And Progress”, A. Affolder *et al.*, The CDF Collaboration, Nucl. Instrum. Meth. A **435**, 44 (1999).

“A measurement of the differential dijet mass cross section in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **61**, 091101 (2000).

“Search for scalar top quark production in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5273 (2000).

“Observation of orbitally excited  $B$  mesons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **64**, 072002 (2001).

“Search for the charged Higgs boson in the decays of top quark pairs in the e tau and mu tau channels at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **62**, 012004 (2000).

“Search for scalar top and scalar bottom quarks in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5704 (2000).

“Production of Upsilon(1S) mesons from chi/b decays in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 2094 (2000).

“Measurement Of B Quark Fragmentation Fractions In The Production Of Strange And Light B Mesons In  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$ -Tev”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 092005 (1999).

“Search for a W’ boson via the decay mode  $W' \rightarrow \mu^+ \nu_\mu / \mu^- \bar{\nu}_\mu$  in 1.8 TeV  $\bar{p}p$  collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5716 (2000).

“Measurement of the helicity of W bosons in top quark decays”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 216 (2000).

“Search for a fourth-generation quark more massive than the Z0 boson in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 835 (2000).

“Measurement of b quark fragmentation fractions in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 1663 (2000).

“A measurement of  $\sin(2\beta)$  from  $B \rightarrow J/\psi K^0(S)$  with the CDF detector”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **61**, 072005 (2000).

“Online monitoring in the upcoming Fermilab Tevatron run-II”, P. Canal *et al.*, IEEE Trans. Nucl. Sci. **47**, 240 (2000).

“The transverse momentum and total cross section of e+ e- pairs in the Z boson region from  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 845 (2000).

“Observation of diffractive beauty production at the Fermilab Tevatron”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 232 (2000).

“Measurement of the  $B^0$  anti- $B^0$  oscillation frequency using l-  $D^*+$  pairs and lepton flavor tags”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 112004 (1999).

“Search for Flavor-Changing Neutral Current Decays  $B^+ \rightarrow \mu^+ \mu^- K^+$  and  $B^0 \rightarrow \mu^+ \mu^- K^{*0}$ ”, T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 3378 (1999).

“Measurement of  $B^0 - \bar{B}^0$  Flavor Oscillations Using Jet-Charge and Lepton Flavor Tagging in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 072003 (1999).

“A Measurement of b Quark Fragmentation Fractions in the Production of Strange and Light B Mesons in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 092005 (1999).

“Measurement of the  $B_d^0 - \bar{B}_d^0$  Oscillation Frequency Using Dimuon Data in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 051101 (1999).

“Measurement of the Associated  $\gamma + \mu^\pm$  Production Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 092003 (1999).

“Measurement of  $b\bar{b}$  Rapidity Correlations in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **61**, 032001 (2000).

“Search for R-parity Violating Supersymmetry using Like-Sign Dielectrons in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 2133 (1999).

“Search for a Technicolor  $\omega_T$  Particle in Events with a Photon and a b-quark Jet at CDF”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 3124 (1999).

“Searches for New Physics in Diphoton Events in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D59**, 092002 (1999).

“Kinematics of  $t\bar{t}$  Events at CDF”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D59**, 092001 (1999).

“Measurement of  $Z^0$  and Drell-Yan Production Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D59**, 052002 (1999).

\*\*\*“Measurement of the  $B_s^0$  Meson Lifetime Using Semileptonic Decays”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D59**, 032004 (1999).

“Measurement of the  $B_d^0 - \bar{B}_d^0$  Flavor Oscillation Frequency and Study of Same Side Flavor Tagging of B Mesons in  $\bar{p}p$  Collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D59**, 032001 (1999).

“A Search for  $B_s^0 - \bar{B}_s^0$  Oscillations Using the Semileptonic Decay  $B_s^0 \rightarrow \phi l + X\nu$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 3576 (1999).

“Search for Third-Generation Leptoquarks from Technicolor Models in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 3206 (1999).

“Search for New Particles Decaying to  $b\bar{b}$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 2038 (1999).

“Measurement of the Top Quark Mass with the Collider Detector at Fermilab”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 271 (1999).

“Observation of  $B_c$  Mesons in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, Rapid Communications, 112004 (1998).

\*\*\*“Improved Measurement of the  $B^-$  and  $\bar{B}^0$  Meson Lifetimes Using Semileptonic Decays,” F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, 092002 (1998).

“Search for the Rare Decay  $W^\pm \rightarrow D_s^\pm \gamma$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, Rapid Communications, 091101 (1998).

“Observation of  $B^+ \rightarrow \psi(2S)K^+$  and  $B^0 \rightarrow \psi(2S)K^*(892)^0$  Decays and Measurements of B-meson Branching Fractions into  $J/\psi$  and  $\psi(2S)$  Final States”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, 072001 (1998).

“Search for Long-Lived Parents of  $Z^0$  Bosons in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, Rapid Communications, 051102 (1998).

“Search for the Rare Decay  $W^\pm \rightarrow \pi^\pm + \gamma$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D58**, Rapid Communications, 031101 (1998).

“Measurement of B Hadron Lifetimes Using  $J/\psi$  Final States at CDF”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D57**, 5382 (1998).

“Search for the Decays  $B_d^0 \rightarrow \mu^+ \mu^-$  and  $B_s^0 \rightarrow \mu^+ \mu^-$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D57**, Rapid Communications, 3811 (1998).

“The Jet Pseudorapidity Distribution in Direct Photon Events in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D57**, 1359 (1998).

“Properties of Photon Plus Two-Jet Events in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D57**, 67 (1998).

“Measurement of the Lepton Charge Asymmetry in W-boson Decays Produced in  $\bar{p}p$  Collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5754 (1998).

“Search for Higgs Bosons Produced in Association with a Vector Boson in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5748 (1998).

“Search for the Decays  $B_s^0, B_d^0 \rightarrow e^\pm \mu^\pm$  and Pati-Salam Leptoquarks.” F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5742 (1998).

“Measurement of the CP-Violation Parameter  $\sin(2\beta)$  in  $B_d^0 \bar{B}_d^0 \rightarrow J/\psi K_S^0$  Decays”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5513 (1998).

“Events with a Rapidity Gap between Jets in  $\bar{p}p$  Collisions at  $\sqrt{s} = 630$  GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5278 (1998).

“Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 4806 (1998).

“Observation of the  $B_c$  Meson in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 2432 (1998).

“Searches for New Physics in Diphoton Events in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 1791 (1998).

“Measurement of the  $\sigma(W+ \geq 1\text{Jet})/\sigma(W)$  Cross Section Ratio from  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 1367 (1998).

“Observation of Hadronic W Decays in  $t\bar{t}$  Events with the Collider Detector at Fermilab”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 5720 (1998).

“Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 5275 (1998).

“Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 3461 (1998).

“Measurement of the Top Quark Mass and  $t\bar{t}$  Production Cross Section from Dilepton Events at the Collider Detector at Fermilab”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2779 (1998).

“Measurement of the  $t\bar{t}$  Production Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2773 (1998).

“Measurement of the Top Quark Mass”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2767 (1998).

“Search for Flavor-Changing Neutral Current Decays of the Top Quark in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2525, (1998).

“Measurement of the  $B_d^0 - \bar{B}_d^0$  Oscillation Frequency Using  $\pi - B$  Meson Charge-Flavor Correlations in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2057 (1998).

“Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 1156 (1998).

“Double Parton Scattering in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D56**, 3811 (1997).

“Properties of Six-jet Events with Large Six-jet Mass at the Fermilab  $\bar{p}p$  Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D56**, 2532 (1997).

“Search for Gluinos and Squarks at the Fermilab Tevatron Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D56**, Rapid Communications, 1357 (1997).

\*\*\* “Search for New Particles Decaying to Dijets at CDF”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D55**, 5263 (1997).

“Measurement of  $b\bar{b}$  Production Correlations,  $B^0 - \bar{B}^0$  Mixing, and a Limit on  $\epsilon_B$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D55**, 2546 (1997).

“Observation of  $\Lambda_b^0 \rightarrow J/\psi \Lambda$  at the Fermilab  $\bar{p}p$  Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D55**, 1142 (1997).

“Properties of Jets in W Boson Events from 1.8 TeV  $\bar{p}p$  Collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 4760 (1997).

“Search for First Generation Leptoquark Pair Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 4327 (1997).

“Search for New Particles Decaying into  $b\bar{b}$  and Produced in Association with W Bosons Decaying into  $e\nu$  and  $\mu\nu$  at the Tevatron”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 3819 (1997).

“The  $\mu\tau$  and  $e\tau$  Decays of Top Quark Pairs Produced in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 3585 (1997).

“Measurement of Diffractive Dijet Production at the Fermilab Tevatron”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 2636 (1997).

“Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV  $\bar{p}p$  Collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 2198 (1997).

“Search for New Gauge Bosons Decaying into Dileptons in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 2191 (1997).

“First Observation of the All Hadronic Decay of  $t\bar{t}$  Pairs”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 1992 (1997).

“Measurement of Double Parton Scattering in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 584 (1997).

“Production of  $J/\psi$  Mesons from  $\chi_c$  Meson Decays in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 578 (1997).

“ $J/\psi$  and  $\psi(2S)$  Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 572 (1997).

“Search for Charged Higgs Decays of the Top Quark Using Hadronic Decays of the  $\tau$  Lepton”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 357 (1997).

“Observation of  $W^+W^-$  Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **78**, 4536 (1997).

“Search for Third Generation Leptoquarks in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **78**, 2906 (1997).

“Observation of Diffractive W-Boson Production at the Fermilab Tevatron”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **78**, 2698 (1997).

“Ratios of Bottom Meson Branching Fractions Involving  $J/\psi$  Mesons and Determination of b Quark Fragmentation Fractions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D54**, 6596 (1996).

“Further Properties of High-Mass Multijet Events at the Fermilab  $\bar{p}p$  Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D54**, 4221 (1996).

“Search for Charged Higgs Boson Decays of the Top Quark Using Hadronic  $\tau$  Decays”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D54**, 735 (1996).

“Measurement of the Mass of the  $B_s^0$  Meson”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D53**, 3496 (1996).

“Measurement of Correlated  $\mu - b\bar{b}$  Jet Cross Sections in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D53**, 1051 (1996).

“Measurement of the Branching Fraction  $B(B_u^+ \rightarrow J/\psi\pi^+)$  and Search for  $B_c^+ \rightarrow J/\psi\pi^+$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 5176 (1996).

\*\*\*“Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 5336 (1996).

“Measurement of the  $\gamma + D^{*\pm}$  Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 5005 (1996).

“Forward-Backward Charge Asymmetry of Electron Pairs Above the  $Z^0$  Pole”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 2616 (1996).

“Measurement of the Lifetime of the  $B_s^0$  Meson Using the Exclusive Mode  $B_s^0 \rightarrow J/\psi\phi$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 1945 (1996).

“Measurement of the  $\Lambda_b^0$  Lifetime Using  $\Lambda_b^0 \rightarrow \Lambda_c^+ l^- \bar{\nu}$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 1439 (1996).

“Properties of Jets in Z Boson Events from 1.8 TeV  $\bar{p}p$  Collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 448 (1996).

“Inclusive Jet Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **77**, 438 (1996).

“Search for Flavor-Changing Neutral Current B Meson Decays in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 4675 (1996).

“Measurement of the  $B^-$  and  $\bar{B}^0$  Meson Lifetimes Using Semileptonic Decays”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 4462 (1996).

“Search for Chargino-Neutralino Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 4307 (1996).

“Measurement of  $\sigma B(W \rightarrow e\nu)$  and  $\sigma B(Z^0 \rightarrow e^+e^-)$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, Phys. Rev. Lett. **76**, 3070 (1996).

“Search for the Rare Decay  $W^\pm \rightarrow \pi^\pm + \gamma$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 2852 (1996).

“Reconstruction of  $B^0 \rightarrow J/\psi K_s^0$  and Measurement of Ratios of Branching Ratios Involving  $B \rightarrow J/\psi K^{(*)}$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 2015 (1996).

“Search for Gluino and Squark Cascade Decays at the Fermilab Tevatron Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **76**, 2006 (1996).

“Measurement of the W Boson Mass”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D52**, 4784 (1995).

“A Measurement of the Ratio  $\sigma \cdot B(p\bar{p} \rightarrow W \rightarrow e\nu) / \sigma \cdot B(p\bar{p} \rightarrow Z^0 \rightarrow ee)$  in  $p\bar{p}p$  Collisions at  $\sqrt{s} = 1800$  GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D52**, 2624 (1995).

“Identification of Top Quarks using Kinematic Variables”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D52**, Rapid Communications, 2605 (1995).

“Kinematical Evidence for Top Pair Production in  $W + \text{Multijet}$  Events in  $p\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D51**, 4623 (1995).

“Search for new gauge bosons decaying into dielectrons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Phys. **D51**, 949 (1995).

“Upsilon Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 4358 (1995).

“Study of  $t\bar{t}$  Production in  $p\bar{p}p$  Collisions Using Total Transverse Energy”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 3997 (1995).

“Measurement of the Polarization in the Decays  $B_d \rightarrow J/\psi K^{*0}$  and  $B_s \rightarrow J/\psi \phi$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 3068 (1995).

“Measurement of the B Meson Differential Cross-Section,  $d\sigma/d_{pT}$ , in  $p\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 1451 (1995).

“Limits on  $WWZ$  and  $WW\gamma$  Couplings from  $WW$  and  $WZ$  Production in  $p\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 1017 (1995).

“A Search for Second Generation Leptoquarks in  $p\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 1012 (1995).

“Search for Squarks and Gluinos via Radiative Decays of Neutralinos in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 613 (1995).

“Properties of High-Mass Multijet Events at the Fermilab  $\bar{p}p$  Collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 608 (1995).

“Measurement of the W Boson Mass”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **75**, 11 (1995).

“Measurement of the  $B_s$  Meson Lifetime”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 4988 (1995).

\*\*\*“Search for New Particles Decaying to Dijets in  $\bar{p}p$  Collisions at  $\sqrt{s}=1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 3538 (1995).

“Search for Charged Bosons Heavier than the  $W$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1800$  GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 2900 (1995).

“Observation of Top Quark Production in  $\bar{p}p$  Collisions with the CDF Detector at Fermilab”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 2626 (1995).

“Limits on  $Z$ -Photon Couplings from  $\bar{p}p$  Interactions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 1941 (1995).

“Measurement of  $W$  - Photon Coupling with CDF in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 1936 (1995).

“Observation of Rapidity Gaps in  $\bar{p}p$  Collisions at 1.8 TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 855 (1995).

“The Charge Asymmetry in  $W$ -Boson Decays Produced in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 850 (1995).

”A Direct measurement of the  $W$  boson width  $\Gamma(W)$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **74**, 341 (1995).

“Evidence for Color Coherence in  $\bar{p}p$  Collisions at  $\sqrt{s}=1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 5562 (1994).

”Measurement of the  $\bar{p}p$  total cross-section at  $\sqrt{s} = 546$ -GeV and 1800-GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 5550 (1994).

”Measurement of  $\bar{p}p$  single diffraction dissociation at  $\sqrt{s} = 546$ -GeV and 1800-GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 5535 (1994).

”Measurement of small angle  $\bar{p}p$  elastic scattering at  $\sqrt{s} = 546$ -GeV and 1800-GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 5518 (1994).

”Measurement of the  $B$  meson and  $b$  quark cross-sections at  $\sqrt{s} = 1.8$  TeV using the exclusive decay  $B^0 \rightarrow J/\psi K^{*0}(892)$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 4252 (1994).

“Evidence for Top Quark Production in  $\bar{p}p$  Collisions at  $\text{sqrt}s = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D50**, 2966 (1994).

”Measurement of Drell-Yan electron and muon pair differential cross-sections in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D49**, 1 (1994).

” $W$  boson + jet angular distribution in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **73**, 2296 (1994).

”A Precision Measurement of the Prompt Photon Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s}=1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **73**, 2662 (1994).

”Search for the Top Quark Decaying to a Charged Higgs Boson in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **73**, 2667 (1994).

”Evidence for Top Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **73**, 225 (1994).

”Measurement of the ratio  $\frac{\sigma B(W \rightarrow e\nu)}{\sigma B(Z^0 \rightarrow e^+e^-)}$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **73**, 220 (1994).

”Measurement of the  $B^+$  and  $B^0$  Meson Lifetimes”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **72**, 3456 (1994).

”Search for Excited Quarks in  $\bar{p}p$  Collisions at  $\sqrt{s}=1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **72**, 3004 (1994).

”A Search for first generation leptoquarks in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D48**, 3939 (1993).

”A Prompt photon cross-section measurement in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D48**, 2998 (1993).

”Measurement of the dijet mass distribution in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D48**, 998 (1993).

”Study of four jet events and evidence for double parton interactions in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D47**, 4857 (1993).

”Search for  $\Lambda_b \rightarrow J/\psi \Lambda_0$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D47**, 2639 (1993).

”Measurement of the Average Lifetime of  $B$  hadrons produced in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 3421 (1993).

”Search for quark compositeness, axigluons and heavy particles using the dijet invariant mass spectrum observed in  $\bar{p}p$  collisions”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 2542 (1993).

”Inclusive  $\chi(c)$  and  $b$  quark production in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 2537 (1993).

”Measurement of bottom quark production in 1.8 TeV  $\bar{p}p$  collisions using semileptonic decay muons”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 2396 (1993).

”Observation of the Decay  $B_s \rightarrow J/\psi \phi$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 1685 (1993).

”The Center-of-mass angular distribution of prompt photons produced in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 679 (1993).

”Measurement of the bottom quark production cross-section using semileptonic decay electrons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **71**, 500 (1993).

”Measurement of jet multiplicity in W events produced in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  Tev”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **70**, 4042 (1993).

”Measurement of the cross-section for production of two isolated prompt photons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **70**, 2232 (1993).

”Comparison of jet production in  $\bar{p}p$  collisions at  $\sqrt{s} = 546$ -GeV and 1800-GeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **70**, 1376 (1993).

”A Measurement of jet shapes in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **70**, 713 (1993).

”Limits on the production of massive stable charged particles”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **D46**, 1889 (1992).

”The Topology of three jet events in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D45**, 1448 (1992).

”A Limit on the top quark mass from  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D45**, 3921 (1992).

”Properties of events with large total transverse energy produced in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. **D45**, 2249 (1992).

”Inclusive  $J/\psi$ ,  $\psi(2S)$  and  $b$  quark production in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **69**, 3704 (1992).

”Search for squarks and gluinos from  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **69**, 3439 (1992).

”The Dijet angular distribution in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **69**, 2896 (1992).

”Limit on the rare decay  $W^\pm \rightarrow \gamma\pi^\pm$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **69**, 2160 (1992).

”A Measurement of the production and muonic decay rate of W and Z bosons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **69**, 28 (1992).

”A Measurement of the B meson and b quark cross-sections at  $\sqrt{s} = 1.8$  TeV using the exclusive decay  $B^\pm \rightarrow J/\psi K^\pm$ ”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 3403 (1992).

”Measurement of the ratio  $\sigma B(W \rightarrow \tau\nu)$  and  $\sigma B(W \rightarrow e\nu)$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 3398 (1992).

”Measurement of the isolated prompt photon cross-sections in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 2734 (1992).

”A Search for new gauge bosons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 1463 (1992).

”Lepton asymmetry in W decays from  $\bar{p}p$  at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 1458 (1992).

”Inclusive jet cross-section in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 1104 (1992).

”A Lower limit on the top quark mass from events with two leptons in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **68**, 447 (1992).

”Measurement of  $B^0 - \bar{B}^0$  mixing at the Fermilab Tevatron collider”, F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **67**, 3351 (1991).

"Search for  $W' \rightarrow e\nu$  and  $W' \rightarrow \mu\nu$  in  $\bar{p}p$  collisions at  $\sqrt{s} = 1.8$  TeV", F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **67**, 2609 (1991).